

“ The provision of these services to Ghanaians will help improve the livelihood of the people, water resource management, agriculture, health, energy and the development of Ghana. ”

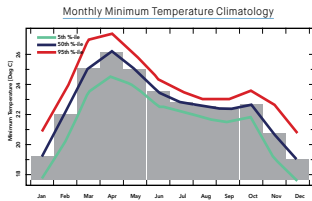
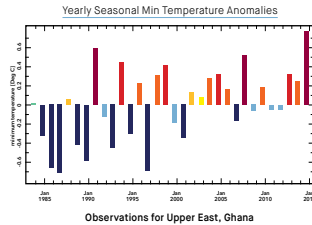
– Ghana Meteorological Agency

### The ENACTS Advantage

- Availability**
  - Blended data to overcome observational gaps
  - Result: Over 30 years of high-resolution rainfall and temperature data now available, enabling climate analysis from community to national levels.
- Access**
  - Online Maprooms
  - Result: User-friendly tools for the analysis, visualization, and downloading of climate information.
- Built capacity and empowerment**
  - Empowered stakeholders with increased capacity
  - Result: Strengthened policy analysis, relevant for multiple sectors.



In northern Ghana minimum temperature has been rising consistently over the last 30 years.



### FIND OUT MORE...

<http://maps.meteo.gov.gh:89/maproom.iri.columbia.edu>

### Partners



RESEARCH PROGRAM ON Climate Change, Agriculture and Food Security



# ENACTS

## TRANSFORMING CLIMATE SENSITIVE DECISIONS



### New Tools for Community Adaptation in Ghana

The Enhancing National Climate Services (ENACTS) initiative delivers robust climate data, targeted information products and training for policy makers and practitioners, enabling them to apply climate information to development decisions with confidence.



International Research Institute for Climate and Society  
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# TRANSFORMING CLIMATE SENSITIVE DECISIONS

Adapting to a changing climate requires community-based strategies, which can spread or reduce potential climate risks. Concrete adaptation measures include planting drought tolerant seeds, purchasing weather based index insurance, using climate information for early warning. Diversifying income streams to sources that are less climate dependent is also important.

## Overcoming the data challenge

Climate information involving historical analysis, monitoring and prediction tools can play an important role in building community resilience if it:

- is of sufficient quality to inform decisions at a local level.
- has a long enough historical time

series to provide context to current observations and future forecasts and predictions.

- can be presented in a way that is both scientifically robust and readily understood by those that need to use it.
- is available when and where it is needed.

**“ A key element of future adaptive capacity is for people to have a range of options available to them to sustain their livelihoods under different conditions. ”**  
 – CARE Climate Change

